



SF Sauk River Bridge 540

Property Owners Meeting - *Welcome!*

November 30, 2011

Project History

Tina Hokanson, Communications Specialist

- 1977 - westerly log span built
- 1986 - easterly steel span built
- Inspected every 2 years
- 2009 - 3 ton load limit posted
- More frequent inspections scheduled
- Currently rated 11 out of 100 on the sufficiency scale

Why replace rather than rehabilitate?

- Significant rotting of log support girders
- Must rebuild to reach legal load capacity
- Easterly steel section requires additional supports
- Cannot replace center pier in path of river
- Would just delay need for replacement and cost more in the long run

Timber Stringers,
east span



Rotting Log Stringers under west span



What has been accomplished to date?

Jim Weelborg, project manager

- Survey field work
- Soil sampling & analysis
- Identified: critical areas (streams, buffers areas)
ordinary high water mark
- Have begun analysis of: river flow
storm water runoff
scour modeling



And . . .

- Contacted all property owners
- Contracted with consultant for archeology/cultural resources study
- Coordinating with the Forest Service



Unique challenges of the site

- No detour route
- Difficult access for standard construction methods and equipment
- Limited seasonal access
- Short window for in water work
- Complex regulatory requirements
- Coordination with multiple agencies



Structure

Ryan Phipps, Project Engineer

- Steel
- Single span - 215' long
- Single lane - 15' wide
- Cable stay style super structure
- Foundations designed to withstand scour



- 1-2 construction seasons; *Goal is 1 (6 months)*
- Access limited to pedestrians during construction

Environmental Requirements

Crilly Ritz, Environmental Planner

- **Federal Regulations**
 - National Environmental Policy Act (NEPA)
 - US Forest Service
 - Army Corp of Engineers
- **State & Local Permits/ Approvals**
 - State Environmental Policy Act (SEPA)
 - Shoreline Management Act
 - Special Flood Hazard Areas Regulations
 - Land Disturbance Activity Regulations
 - Drainage Regulations
 - Hydraulic Code
 - Aquatic Land Use Approval

Projected Schedule

Activity	2011				2012				2013				2014				2015				2016			
Design Report	■	■	■	■	■																			
30-100% Design						■	■	■	■	■	■	■	■	■	■									
Environmental			■	■	■	■	■	■	■	■	■	■	■	■	■									
Right of Way				■									■	■										
Construction Fund Obligation Advertisement Date (12/2014)																■								
Construction																	■	■	■	■	■	■	■	■



Cost: \$2.5 to \$4 million

Funding:

- 80% BRAC (federal bridge replacement funds)
- 20% Local match, such as could come from:
 - Road Improvement District (RID)
 - County road fund dollars
 - CRAB (State funds)

Time for questions





Thank you for joining us !

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www.snoco.org, search “Br 540”